

DECLARATION

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: RANDOM ACCESS MEMORY HAVING AN ADAPTABLE LATENCY

the specification of which is attac	ched hereto or indicates as	n attorney docket no. <u>YOR920030067US1,</u> or	r:
☑ was filed in the U.S. Patent &	Trademark Office on Sep	tember 17, 2003 and assigned Serial No. 10/66	4,789,
☐ and (if applicable) was amend		·	 -
as amended by any amendment read to the examination of this appriority benefits under Title 35, U or §365(a) of any PCT internation	eferred to above. I acknown plication in accordance when J.S. Code §119(a)-(d) or § all application which design ion(s), listed below and have	the contents of the above-identified specification vieldge the duty to disclose information which is ith Title 37, Code of Federal Regulations §1.56 (365(b) of any foreign application(s) for patent grated at least one country other than the United two also identified below any foreign application on which priority is claimed:	s material to patentability 6. I hereby claim foreign or inventor's certificate, States, or §119(e) of any as for patent or inventor's
			Priority Claimed: Yes [] No[]
(Application Number)	(Country)	(Day/Month/Year filed)	165[] 1(0[]
(Application Number)	(Country)	(Day/Month/Year filed)	Yes [] No[]
International application designate application is not disclosed in the paragraph of Title 35, U.S. Code	ing the United States, list te prior United States or §112, I acknowledge the (§1.56 which became avail	ode §120, of any United States application(s), ed below and, insofar as the subject matter of a PCT International applications(s) in the manual duty to disclose information material to patents lable between the filing date of the prior applications.	each of the claims of this her provided by the first ability as defined in Title
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandone	<i>d</i>)
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandone	<i>d</i>)

I hereby appoint the following attorneys: RICHARD M. LUDWIN, Reg. No. 33,010; KEVIN M. JORDAN, Reg. No. 40,277; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; DOUGLAS W. CAMERON, Reg. No. 31,596; WAN YEE CHEUNG, Reg. No. 42,410; THU ANN DANG, Reg. No. 41,544; LOUIS P. HERZBERG, Reg. No. 41,500; DEREK S. JENNINGS, Reg. No. 31,473; STEPHEN C. KAUFMAN, Reg. No. 29,551; ALISON D. MORTINGER, Reg. No. 39,306; DANIEL P. MORRIS, Reg. No. 32,053; LOUIS J. PERCELLO, Reg. No. 33,206; ROBERT M. TREPP, Reg. No. 25,933; GAIL H. ZARICK, Reg. No. 43,303; and RAFAEL PEREZ-PINEIRO, Reg. No. 46,041; and each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

> Wayne L. Ellenbogen RYAN, MASON & LEWIS, LLP 90 Forest Avenue Locust Valley, NY 11560

Tel.: (516) 759-7662

I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST OR SOLE	INVENTOR: François Ibrahim Atallah	Citizenship <u>U.S.A.</u>
Inventor's signature: François	Ibralium Atallah	Date: 10/14/03
Residence & Post Office address:	11309 Windwitty Court	
•	Raleigh, NC 27614	•
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FULL NAME OF SECOND JOINT	INVENTOR: James Norris Dieffenderfer	Citizenship <u>U.S.A.</u>
. 0	$O(I_{-})-II$	1.1
Inventor's signature:		Date: 10/14/03
Residence & Post Office address:	4000 Inkberry/Oburt	, , ,
	Apex, NC 27539-8868	
•		•
FULL NAME OF THIRD JOINT IN	IVENTOR: Jeffrey H. Fischer	Citizenship U.S.A.
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Inventor's signature:	rey H. Fischer	Date: <u>/0/14/03</u>
Residence & Post Office address	203 Connors Circle	,
U y .	Ocary, NC 27511	
EIII I NAME OF FOLIDTH IOINT	INVENTOR. Michael Thomas Empare	Cisimanakin II S A
FOLL NAME OF FOORTH JOINT	INVENTOR: Michael Thomas Fragano	Citizenship U.S.A.
Inventor's signature:	•	Date:
Residence & Post Office address:		
	Essex Junction, VT 05452	
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•		
FILL NAME OF FIETH JOINT IN	VENTOR: Daniel Stephen Geise	Citizonship IISA
CLE NAME OF THE IT JOINT IN	VENTOR. Daniel Stephen Geise	Citizenship U.S.A.
Inventor's signature:	<u> </u>	Date:
Residence & Post Office address:	125 Kennedy Drive, Apt. 2	
	South Burlington, VT 05403	

FULL NAME OF SIXTH JOINT IN	VENTOR:Jeffery Howard Oppold	Citizenship	U.S.A.
Inventor's signature:		Date:	:
Residence & Post Office address:			
FULL NAME OF SEVENTH JOIN	INVENTOR: Michael R. Ouellette	Citizenship	U.S.A.
Inventor's signature:		Date:	
Residence & Post Office address:			
•	·	•	• • •
FULL NAME OF EIGHTH JOINT I	NVENTOR: Neelesh Govindaraya Pai	Citizenship	India
Inventor's signature:	•	Date:	
Residence & Post Office address:	22 Chelsea Place Williston, VT 05495		
		· . -	
FULL NAME OF NINTH JOINT IN	IVENTOR: William Robert Reohr	Citizenship	U.S.A.
Inventor's signature:	•	Date:	
Residence & Post Office address:	111 Eleven Levels Road Ridgefield, CT 06877		
	·		•
	•		
FULL NAME OF TENTH JOINT IN	IVENTOR: Joel Abraham Silberman	Citizenship	U.S.A.
Inventor's signature:		Date:	
Residence & Post Office address:	32 Londonderry Lane Somers, NY 10589		
	•		
FULL NAME OF ELEVENTH JOIN	IT INVENTOR: Thomas Philip Speier	Citizenship	U.S.A.
Inventor's signature:	- for Sin	Date:/ه/ر	14/03
Residence & Post Office address:	112 Arbor Wynds Court Holly Springs, NC 27540		



DECLARATION

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TITLE: RANDOM ACCESS MEMORY HAVING AN ADAPTABLE LATENCY

the specification of which is attacl	hed hereto or indicates as	attorney docket no. YOR920030067US1, or:		
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☐ and (if applicable) was amende		· · · · · · · · · · · · · · · · · · ·	•	
as amended by any amendment ref and to the examination of this app priority benefits under Title 35, U or §365(a) of any PCT internations	ferred to above. I acknow lication in accordance w .S. Code §119(a)-(d) or § al application which design on (s), listed below and harmonic states on (s).	the contents of the above-identified specification, incledge the duty to disclose information which is mater th Title 37, Code of Federal Regulations §1.56. I he 365(b) of any foreign application(s) for patent or invaled at least one country other than the United States we also identified below any foreign applications for patent on which priority is claimed:	rial to pate reby clain rentor's ce s, or §119(entability n foreign ertificate (e) of any
		<u>I</u>	Priority C	
(Application Number)	(Country)	(Day/Month/Year filed)	Yes []	No[]
			Yes[]	No[]
(Application Number)	(Countrý)	(Day/Month/Year filed)		. ,
International application designati application is not disclosed in the paragraph of Title 35, U.S. Code §	ng the United States, list e prior United States or 112, I acknowledge the 1.56 which became avail	de §120, of any United States application(s), or §3 ed below and, insofar as the subject matter of each of PCT International applications(s) in the manner produty to disclose information material to patentability able between the filing date of the prior application is	f the clain ovided by as defined	ns of this the firs d in Title
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)	<u> </u>	·.
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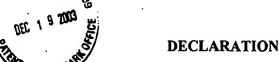
I hereby appoint the following attorneys: RICHARD M. LUDWIN, Reg. No. 33,010; KEVIN M. JORDAN, Reg. No. 40,277; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; DOUGLAS W. CAMERON, Reg. No. 31,596; WAN YEE CHEUNG, Reg. No. 42,410; THU ANN DANG, Reg. No. 41,544; LOUIS P. HERZBERG, Reg. No. 41,500; DEREK S. JENNINGS, Reg. No. 31,473; STEPHEN C. KAUFMAN, Reg. No. 29,551; ALISON D. MORTINGER, Reg. No. 39,306; DANIEL P. MORRIS, Reg. No. 32,053; LOUIS J. PERCELLO, Reg. No. 33,206; ROBERT M. TREPP, Reg. No. 25,933; GAIL H. ZARICK, Reg. No. 43,303; and RAFAEL PEREZ-PINEIRO, Reg. No. 46,041; and each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

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FULL NAME OF FIRST OR SOLE	INVENTOR: François Ibrahim Atallah	Citizenship U.S.A.
Inventor's signature:	<u> </u>	Date:
Residence & Post Office address:	11309 Windwitty Court Raleigh, NC 27614	
FULL NAME OF SECOND JOINT	INVENTOR: James Norris Dieffenderfer	Citizenship U.S.A.
Inventor's signature:		Date:
Residence & Post Office address:	4000 Inkberry Court Apex, NC 27539-8868	
FULL NAME OF THIRD JOINT IN	VENTOR: Jeffrey H. Fischer	Citizenship U.S.A.
Inventor's signature:		Date:
Residence & Post Office address:	203 Connors Circle Cary, NC 27511	
FULL NAME OF FOURTH JOINT	INVENTOR: Michael Thomas Fragano	Citizenship U.S.A.
Inventor's signature:	17 Ango	Date: Oct 03,2003
Residence & Post Office address:	3 Beech Street Essex Junction, VT 05452	•
FULL NAME OF FIFTH JOINT INV	/FNTOR: Daniel Stephen Geise	Citizenship U.S.A.
O	0/0/	· _
Inventor's signature:		Date: <u>Oct. 3, 2003</u>
Residence & Post Office address:	125 Kennedy Drive, Apt. 2 South Burlington, VT 05403	

FULL NAME OF SIXTH JOINT IN	VENTOR: <u>Jeffery Howard Oppold</u>	Citizenship <u>U.S.A.</u>
	Mr. Dona	Date: Oct 6, 2003
Inventor's signature:	Mary Worth Control of the Worth	Date: Oct 6, 2003
Residence & Post Office address://	Richmond, VT 05477	
	Riomiona, VI 05477	
FULL NAME OF SEVENTH JOINT	INVENTOR: Michael R. Ouellette	Citizenship U.S.A.
100		
Inventor's signature:		Date: Oct 3, 2003
Residence & Post Office address:	1151 Old Stage Road	·
•	Westford, VT 05494	
	·	
FULL NAME OF EIGHTH JOINT I	NVENTOR: Neelesh Govindaraya Pai	Citizenship India
	بهمار	•
Inventor's signature:	Nultri Di	Date: <u>Oct 3/ 2003</u>
Residence & Post Office address:	22 Chelsea Place Williston, VT 05495	
	Williston, VI 03493	•
•		
FULL NAME OF NINTH JOINT IN	VENTOR: William Robert Reohr	Citizenship U.S.A.
Inventor's signature:		Date:
Residence & Post Office address:	111 Eleven Levels Road	
	Ridgefield, CT 06877	
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		•
FULL NAME OF TENTH JOINT IN	IVENTOR: Joel Abraham Silberman	Citizenship U.S.A.
	• 13	
Inventor's signature:	22 [-] -] -]	Date:
Residence & Post Office address:	32 Londonderry Lane Somers, NY 10589	·
	Somers, 141 10369	
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FULL NAME OF ELEVENTH JOIN	T INVENTOR: Thomas Philip Speier	Citizenship U.S.A.
American and a state of		Date
Inventor's signature:	112 Arbor Wynds Court	Date:
residence & 1 ost office address:	Holly Springs, NC 27540	



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the specification of which is attached hereto or indicates an attorney docket no. YOR920030067US1, or:

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			Priority Claimed: Yes [] No[]
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Wayne L. Ellenbogen RYAN, MASON & LEWIS, LLP 90 Forest Avenue Locust Valley, NY 11560 Tel.: (516) 759-7662 I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature:		Date:	
Residence & Post Office address:			
FULL NAME OF SECOND JOINT	INVENTOR: James Norris Dieffenderfer	Citizenship	U.S.A.
Inventor's signature:	•	Date:	
Residence & Post Office address:	4000 Inkberry Court Apex, NC 27539-8868		
FULL NAME OF THIRD JOINT IN	VENTOR:Jeffrey H. Fischer	Citizenship <u>'</u>	U.S.A.
Inventor's signature:		Date:	:
Residence & Post Office address:	203 Connors Circle Cary, NC 27511		
FULL NAME OF FOURTH JOINT	INVENTOR: Michael Thomas Fragano	Citizenship	U.S.A.
Inventor's signature:		Date:	
Residence & Post Office address:	3 Beech Street Essex Junction, VT 05452		
•			
FULL NAME OF FIFTH JOINT IN	VENTOR: Daniel Stephen Geise	Citizenship	U.S.A.
Inventor's signature:		Date:	
Residence & Post Office address:	125 Kennedy Drive, Apt. 2 South Burlington, VT 05403		

Attorney Docket No. YOR920030067US1

FULL NAME OF SIXTH JOINT IN	VENTOR: <u>Jeffery Howard Oppold</u>	Citizenship U.S.A.
Inventor's signature:		Date:
Residence & Post Office address:	66 Westall Extension Richmond, VT 05477	
FULL NAME OF SEVENTH JOINT	INVENTOR: Michael R. Ouellette	Citizenship U.S.A.
Inventor's signature:		Date:
Residence & Post Office address:	1151 Old Stage Road Westford, VT 05494	
•		
FULL NAME OF EIGHTH JOINT I	NVENTOR: Neelesh Govindaraya Pai	CitizenshipIndia
Inventor's signature:		Date:
Residence & Post Office address:	22 Chelsea Place Williston, VT 05495	
FULL NAME OF NINTH JOINT IN Inventor's signature: Residence & Post Office address:	IVENTOR: William Robert Reohr 111 Ejeven Levels Road Ridgefield, CT 06877	Citizenship <u>U.S.A.</u> Date: October by 2003
	VVENTOR: Joel Abraham Silberman	Citizenship U.S.A.
	drahen Sell	Date:
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FULL NAME OF ELEVENTH JOIN	T INVENTOR: Thomas Philip Speier	Citizenship U.S.A.
Inventor's signature:		Date:
Residence & Post Office address:	112 Arbor Wynds Court Holly Springs, NC 27540	